ADDENDUM INFORMATION
ASHLAND WATERLINE PROJECT
Project No. S-66-6(1006)
Water Main Project No. 700789
Spec. No. 03-228

Pre-bid meeting scheduled Thursday, August 28th at 10:00 at Engineering Services, 531 Westgate Blvd.

The following are clarifications to questions already asked. Further questions will be answered at the pre-bid meeting.

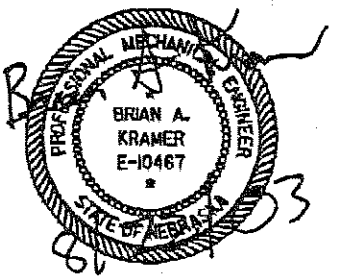
Wall Thickness of Steel Casing:

Wall thickness is 0.5 inches, as specified on Sheet No. 8 under notes.

Existing 48" Reinforced Concrete Water Pipe, Steel Cylinder Type, Prestressed:

Product was manufactured in 1954 by Lock Joint Pipe Company, Wharton, New Jersey. It is not known if the pipe is embedded concrete pipe or lined concrete pipe.

Size of Reinforcing in Concrete Cap:



Sheet No. 10:
401, 401a, 403 and 403a are No. 4 Bars
602, 604 and 606 are No. 6 Bars
802 is No. 8 Bars

Sheet No. 13:
401, 401a, 402, 403, 403a, 404, 405, 406 and 407 are No. 4 Bars
501, 502 and 504 are No. 5 Bars
602, 603, 604 and 606 are No. 6 Bars
702 is No 8 Bars
802, 804 and 806 are No. 8 Bars

Cathodic Protection and Coatings:

No protection is required for the steel encasement shown on Sheets No. 8 and 9.

36" and 48" Ductile Iron Pipe will be furnished by the manufacturer with a tar coating.

Straw:

The induced trench method of design was used to relieve the load on the concrete or pipe encasement and the concrete cap on augered pipe due to high roadway embankment fill. This method of design requires the use of loose compressible material over the top of the encasement and also a designated trench width.

Reinforcement in Auger Cast Pile:

There is no reinforcement in the Auger Cast Pile. The piling is to prevent vertical settlement of the concrete cap and waterlines. The bottom of the piling is tipped out on a limestone layer.

Use of Prestressed Water Pipe instead of Ductile Iron Water Pipe:

This is not an allowable option. The cap and steel or concrete encasement are designed for Ductile Iron Water Pipe.